

DATAPoint

V I S T A - P C

THE DATAPoint PROFESSIONAL COLOR COMPUTER



VISTA-PC™, the DATAPoint® Professional Color Computer, is a member of the PRO-VISTA™ family of office automation products. Available in a variety of configurations matched to varying user requirements, it supports today's popular and proven software applications. The VISTA-PC offers true multifunction processing as well as color graphics production at an affordable price.

The VISTA-PC Model 1201, an economical dual diskette system, features low-cost-per-workstation office automation capabilities. Offering multifunction color processing and hard disk support, the VISTA-PC Model 1202 performs multiprogramming and multitasking

applications. In addition, the 1202 can share resources and information with up to five 1204 low-cost workstations or other VISTA-PC systems.

When emulating a DATAPoint 8220 workstation, the 1201 and 1202 systems can share the resources of other DATAPoint processors and operate as participating workstations in an RMS™ (Resource Management System™) ARC® (Attached Resource Computer®) local area network or as part of a DATASHARE® timesharing system. The systems also support a vast array of data communications enabling you to "talk" to most mainframes in use today.

## FUNCTIONAL CHARACTERISTICS

### Processor

Processor type: 80186 16-bit CPU, 8 MHz

### Memory

Memory size:  
16K System ROM  
256K user RAM (with parity), expandable to 1MB

### Monitor

15 inch diagonal  
720 x 348 pixel resolution  
8 colors selectable from 64 color palette  
Separate display RAM  
Separate font RAM (64K)  
80 columns x 29 lines (2320 character positions)  
7 x 9 dot matrix characters on 9 x 12 cell  
Bit mapped  
User-loadable character set  
Tilt/rotate base

### Character-by-character attributes:

Bold	Half-bright
Blink	Strikethrough
Underline	Upper and lower case, special characters
Reverse video	

### Keyboard

Low profile  
Detached, up to 6 feet from monitor  
98-key keyboard:  
10 programmable function keys  
14-key numeric pad  
6-key cursor control pad  
4-key display pad  
8-key control pad  
56-key alphanumeric pad, IBM Selectric format

### Standard Interfaces

Two RS-232C serial interfaces (with secondary channels)  
Centronics® parallel interface  
Bus interface for connecting disk expansion units

Cluster interface for connecting up to five VISTA-PC workstations or processors to a VISTA-PC (1202) master station

### Bundled Software

MS-DOS Operating System  
GW-BASIC Programming Language  
Diagnostics

### Memory Extensions

Up to three additional 256K memory boards allowing for maximum of 1MB of memory

### 1258 Printer (shown on cover)

Impact, matrix 80 column  
Print direction: bidirectional  
Print speed: 160 characters/sec minimum at 10 pitch with average English text within an 8 inch line; 40 CPS in near-letter quality mode  
Line density: 6 characters/inch; other densities are programmable

### 9656 Color Plotter

Type: 6-pen version  
Interface: RS-232C

### Representative Applications Software

COLOR-PAC  
Industry-standard MS-DOS applications  
Multiplan®  
Word processing  
(Note: some software may require additional memory.)

### Communication Protocols

3270 Bisync  
2780/3780  
3270 SNA/SDLC  
377X  
X.25  
Asynchronous Terminal Emulator  
EM8220 Emulator  
DATAPOLL®

Both models can easily be upgraded with the addition of resources such as memory, storage, and peripherals. With the optional 9656 Color Plotter you can produce a multitude of colorful and professional visual aids such as line, bar, pie, and text charts. You can also output information on a choice of three DATAPOINT impact printers.

Integrated software solutions make the VISTA-PC a powerful management tool. The VISTA-PC utilizes the proven MS®-DOS operating system to support a wide variety of industry-standard applications. DATAPOINT proprietary software offerings include EM8220 emulation for interface with other DATAPOINT host systems and COLOR-PAC for word processing, financial spreadsheet,

color graphics, and multitasking capabilities. For personalized programming control, the VISTA-PC family offers software development tools including the high-level GW™-BASIC programming language, plus DATAPOINT DATABUS®.

The VISTA-PC is built for high performance operation while presenting a clean, ergonomic appearance to complement your work setting. Featuring a 15 inch color monitor, the VISTA-PC simultaneously displays eight of a possible 64 colors. A tilt/rotate base allows comfortable positioning of the processor, while a six-foot coiled cord provides convenient placement of the low-profile keyboard.

#### Software Development Tools

DATABUS  
BASIC Compiler  
COBOL  
FORTRAN  
PASCAL  
Screen Management Utility  
ISAM  
Sort/Merge  
DBMS Structure  
Font Designer

#### System Configuration

##### 1201 System:

15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, and one module containing two 5½ inch 630KB diskettes.

##### 1202 System:

15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, one 5½ inch 630KB diskette drive, and one 10MB fixed disk.

##### 1204 System:

15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, and color graphics module. Optional module for local disk storage.

#### PHYSICAL CHARACTERISTICS

##### Monitor

Height: 15 in (38.1 cm)  
Width: 14 in (35.56 cm)

Depth: 15 in (38.1 cm)  
Weight: 38 lb (17.2 kg)

##### Keyboard

Height: 1 in (2.54 cm)  
Width: 18 in (45.72 cm)

Depth: 8 in (20.32 cm)  
Weight: 5 lb (2.26 kg)

##### CPU Module

Height: 8 in (20.32 cm)  
Width: 12 in (30.48 cm)

Depth: 5.75 in (14.60 cm)  
Weight: 12 lb (5.44 kg)

#### Color Graphics Module

Height: 8 in (20.32 cm)  
Width: 12 in (30.48 cm)  
Depth: 2.5 in (6.35 cm)  
Weight: 5 lb (2.26 kg)

##### Diskette Module

Height: 8 in (20.32 cm)  
Width: 12 in (30.48 cm)  
Depth: 5.75 in (14.60 cm)  
Weight: 13 lb (5.89 kg)

##### Disk/Diskette Module

Height: 8 in (20.32 cm)  
Width: 12 in (30.48 cm)  
Depth: 5.75 in (14.60 cm)  
Weight: 15 lb (6.80 kg)

##### Power Requirements

115 or 230 VAC, 50 or 60 Hz

##### Environment

50 to 100 degrees F  
10 to 38 degrees C  
20 to 80 percent relative humidity, noncondensing

#### MODEL CODES

- |       |   |
|-------|---|
| 1201  | 15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, and one module containing two 630KB 5½ inch diskette drives. |
| 1202  | 15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, color graphics module, a disk controller, one 5½ inch 630KB diskette drive and one 10MB fixed disk.    |
| 1204  | 15 inch color monitor, low-profile keyboard, CPU module with 256K RAM, and a color graphics module.   |
| 9656  | Color Plotter, 6-pen  |
| 1258  | 160/40 CPS Matrix Printer (80 or 136 column format)   |
| 1259  | 160/40 CPS Matrix Printer (136 or 233 column format)  |
| 1261  | 35 CPS Letter Quality Printer   |
| 1240  | 256K RAM Expansion Cartridge  |
| 1230  | Dual Diskette Drive with controller   |
| 1223  | Power Supply for system expansion (10 units)  |
| 80859 | VISTA-PC Computer Table   |



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